

Date: Tue, 19 Jul 94 00:38:37 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #810
To: Info-Hams

Info-Hams Digest Tue, 19 Jul 94 Volume 94 : Issue 810

Today's Topics:

 ARLB061 Rover rules adopted
 ARLB062 BOD meeting highlights
 Bicycle generates noise on 20 meters
 Getting rid of 27MHZ clock interference
 Gray Areas of 'No Commercial Use'
 HDN Releases
 Icom 27H
 IPS Daily Report - 18 July 94
 Maplin address
 R-100 For Sale (100MHz to 1.8xxGHz)
 ShhhshhhhhhShhhhhhhhshhhhh.....
 Supermorse
 swaps/meets/fests in SF/Berkely/Oakland area?
 Waiting time back down to 13 weeks

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Mon, 18 Jul 1994 18:37:09 EDT
From: psinntp!arrl.org!usenet@uunet.uu.net
Subject: ARLB061 Rover rules adopted
To: info-hams@ucsd.edu

SB QST @ ARL \$ARLB061
ARLB061 Rover rules adopted

ZCZC AG26

QST de W1AW
ARRL Bulletin 61 ARLB061

Date: Mon, 18 Jul 1994 19:22:05 EDT
From: psinntp!arrl.org!usenet@uunet.uu.net
Subject: ARLB062 BOD meeting highlights
To: info-hams@ucsd.edu

SB QST @ ARL \$ARLB062
ARLB062 BOD meeting highlights

ZCZC AG27
QST de W1AW
ARRL Bulletin 62 ARLB062

Date: Tue, 19 Jul 1994 00:28:46 GMT
From: news.Hawaii.Edu!kahuna!jeffrey@ames.arp
Subject: Bicycle generates noise on 20 meters
To: info-hams@ucsd.edu

In article <9407181415.ZM10757@SALCIUS2> Wayne_Estes@csg.mot.com (Wayne_Estes) writes:

>
>I have two theories as to the cause of the noise:
>
>1. The tires create static charges while rolling on the pavement.

When I was a young pup it seemed that all cars had a piece of rubber dangling between the car frame and the pavement - anyone else remember this? Was it for static discharge?

Jeff NH6IL

Date: 19 Jul 1994 00:11:51 GMT
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!vixen.cso.uiuc.edu!newsrelay.iastate.edu!news.iastate.edu!porayath@network.ucsd.edu
Subject: Getting rid of 27MHZ clock interference
To: info-hams@ucsd.edu

I am not sure if this is the right group. No harm trying.

I have a 27MHZ clock signal connected to a PC card. The problem is that

the ground plane of the PC card shows a 20millivolt signal which wrecks other amplifier circuits on the board. I am using a coaxial cable. Any clue as to how I can keep the ground plane clean.

Date: Mon, 18 Jul 1994 12:36:21 GMT
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!usenet.ins.cwru.edu!
lerc.nasa.gov!kira.cc.uakron.edu!malgudi.oar.net!witch!doghouse!
jsalemi@network.ucsd.edu
Subject: Gray Areas of 'No Commercial Use'
To: info-hams@ucsd.edu

In article <tedtrostCt3qoD.uI@netcom.com>, Ted Trost (tedtrost@netcom.com) writes:
>: May not be commercial under the current rules, but could be a violation
>: of the third-party traffic rules.
>
>Huh? Which rule?
>

97.115, which governs third-party communications. It's possible to get messages over the internet that are from countries that the US doesn't have a third-party agreement with. Transmitting those messages over the air (in the case of reading your remote mail over the air, for example) could be a violation of this rule. That's why the internet<->packet gateway systems hold mail first so the sysop can check to make sure the traffic is legal before releasing it.

73...joe

Joe Salemi, KR4CZ Internet: jsalemi@doghouse.win.net
Compuserve: 72631,23 FidoNet: 1:109/136 MCI Mail: 433-3961

Date: Sun, 17 Jul 1994 12:56:06
From: seas.smu.edu!rwsys!ocitor!FredGate@uunet.uu.net
Subject: HDN Releases
To: info-hams@ucsd.edu

The following files were processed Sunday 7-17-94:

HAMELEC [HAM: Electronic Drafting, ccalculation programs]

TL.ZIP (31612 bytes) Transmission Line v1.7 - Compute
line loss, zin, & transmatch, by
N6BV

31612 bytes in 1 file(s)

HAMMODS [HAM: Radio and equip modifications]

FX146.ZIP (610605 bytes) Ramsey FX-146 2-mtr Computer
interface, by N9GMW
IC735C.ZIP (172725 bytes) v1.0 IC735C computer control for
windows
RGMGR21D.ZIP (424769 bytes) Rig Manager v2.1d for windows -
DXBase linked version for Kwnds

1208099 bytes in 3 file(s)

HAMNEWS [HAM: Bulletins and Newsletters]

ANART817.ZIP (6382 bytes) ANART Bulletin #817 07/10/94
ARLB060.ZIP (1708 bytes) 07/14/94 - Georgia flood update
ARLD040.ZIP (2502 bytes) 07/14/94 ARRL DX Bulletin - DX
ARLP028.ZIP (2323 bytes) ARRL Propagation Bulletin 07/15/94
ARLX020.ZIP (2340 bytes) 07/12/94 - New 2304 distance record
IRTS0703.ZIP (3642 bytes) IRTS Bulletin 07/03/94
OPDX166.ZIP (4468 bytes) Oh/Pa DX Bulletin 07/11/94
RSGB0717.ZIP (8407 bytes) RSGB Bulletin 07/17/94
RTDX0708.ZIP (2523 bytes) RTTY DX Bulletin 07/08/94
RTDX0715.ZIP (3271 bytes) RTTY DX Bulletin 07/15/94
VE3ONT94.ZIP (2710 bytes) VE3ONT EME Operating schedule for
1994
YNET006.ZIP (4523 bytes) YouthNet Bulletin #006 07/14/94

44799 bytes in 12 file(s)

HAMNOS [HAM: TCP/IP and NOS related software]

AX25KRNL.ZIP (40487 bytes) (ax25krnl.tgz) AX.25 for Linux
1.1.20 or greater, by GW4PTS
AX25READ.ZIP (1976 bytes) Information file for ax25krnl.tgz,
by GW4PTS

AX25UTIL.ZIP (54018 bytes) (ax25util.tgz) AX.25 utilities for
Linux, by GW4PTS

96481 bytes in 3 file(s)

HAMPACK [HAM: Packet Communications programs]

APRS505U.ZIP (183729 bytes) Automatic Packet Report System
V5.05 Update by WB4APR
BSPI108G.ZIP (43225 bytes) Serial port interface for G8BPQ, by
AA1FS
NPF221E.ZIP (368932 bytes) G8NPF message system v2.21e, reqs
BPQ405 or later
QLOG116E.ZIP (154157 bytes) Quick Log - DataBase mgmt for
SpotDX PacketCluster, by IK5HGL

750043 bytes in 4 file(s)

HAMSAT [HAM: Satellite tracking and finding programs]

AMSAT190.ZIP (8658 bytes) AmSat Bulletin #190 07/09/94
ARLS026.ZIP (2595 bytes) 07/11/94 - NASA operation detailed
OBS196.ZIP (6394 bytes) AmSat Orbital Elements #196
07/15/94
SPC0718.ZIP (4623 bytes) Space News 07/18/94

22270 bytes in 4 file(s)

HAMSWL [Shortwave Schedules and programs]

WXFAX2_0.ZIP (128236 bytes) Wx Facsimile Database v2.0

128236 bytes in 1 file(s)

HAMUTIL [HAM: Radio operating aids]

DTMF11.ZIP (95514 bytes) (dtmf11.sea) Touch Tone decoding
software for Macintosh

95514 bytes in 1 file(s)

Total of 2377054 bytes in 29 file(s)

Files are available via Anonymous-FTP from ftp.fidonet.org
IP NET address 140.98.2.1 for seven days. They are mirrored
to ftp.halcyon.com and are available for 60-90 days.

Directories are:

- pub/fidonet/ham/hamnews (Bulletins)
- /hamant (Antennas)
- /hamsat (Sat. prg/Amsat Bulletins)
- /hampack (Packet)
- /hamelec (Formulas)
- /hamtrain (Training Material)
- /hamlog (Logging Programs)
- /hamcomm (APLink/JvFax/Rtty/etc)
- /hammods (Equip modification)
- /hamswl (SWBC Skeds/Frequencies)
- /hamscan (Scanner Frequencies)
- /hamutil (Operating aids/utils)
- /hamsrc (Source code to programs)
- /hamdemo (Demos of new ham software)
- /hamnos (TCP/IP and NOS related software)

Files may be downloaded via land-line at (214) 226-1181 or (214) 226-1182.
1.2 to 16.8K, 23 hours a day .

When ask for Full Name, enter: Guest;guest <return>

lee - ab5sm
Ham Distribution Net

* Origin: Ham Distribution Net Coordinator / Node 1 (1:124/7009)

Date: 18 Jul 1994 23:24:03 -0400
From: newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@uunet.uu.net
Subject: Icom 27H
To: info-hams@ucsd.edu

Does anyone have mod info on an older Icom IC27H radio. It's a mobile
rig.

Thanks

xhacker@aol.com

Date: Mon, 18 Jul 1994 23:14:12 GMT
From: ihnp4.ucsd.edu!agate!msuinfo!harbinger.cc.monash.edu.au!news.cs.su.oz.au!
metro!ipso!rwc@network.ucsd.edu
Subject: IPS Daily Report - 18 July 94
To: info-hams@ucsd.edu

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 080/020

GOES satellite data for 17 Jul

Daily Proton Fluence >1 MeV: 2.2E+06

Daily Proton Fluence >10 MeV: 3.8E+04

Daily Electron Fluence >2 MeV: 7.9E+08

X-ray background: A6.3

Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST

	19 Jul	20 Jul	21 Jul
Activity	Low	Very low	Very low
Fadeouts	None expected	None expected	None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 19 Jul: 080/020

2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth: unsettled

Estimated Indices :	A	K	Observed A Index 17 Jul
Learmonth	13	3332 3233	
Fredericksburg	14		14
Planetary	15		17

Observed Kp for 17 Jul: 4434 3233

2B. MAGNETIC FORECAST

DATE	Ap	CONDITIONS
19 Jul	10	Quiet to unsettled
20 Jul	10	Quiet to unsettled
21 Jul	05	Quiet

3A. GLOBAL HF PROPAGATION SUMMARY

LATITUDE BAND

DATE	LOW	MIDDLE	HIGH
18 Jul	normal	normal	normal

PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST
LATITUDE BAND

DATE	LOW	MIDDLE	HIGH
19 Jul	normal	normal	normal
20 Jul	normal	normal	normal
21 Jul	normal	normal	normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

Observed

DATE	T-index	MUFs
18 Jul	25	near predicted monthly values

Predicted Monthly T-index for July: 30

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE	T-index	MUFs
19 Jul	25	Near predicted monthly values
20 Jul	25	Near predicted monthly values
21 Jul	25	Near predicted monthly values

--

IPS Regional Warning Centre, Sydney	IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329	PO Box 5606
Recorded Message tel: +61 2 4148330	West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331	AUSTRALIA

Date: Tue, 19 Jul 1994 00:55:35 GMT
From: ihnp4.ucsd.edu!swrinde!pipex!demon!news@network.ucsd.edu
Subject: Maplin address
To: info-hams@ucsd.edu

In article <30a59d\$nspp@news4all.hacktic.nl>, Frank R. Oppedijk
writes:

>
> Hi all,
>
> I'm looking for the address of the UK bound electronics distributor
named
> Maplin Electronics. Anyone got their fax number on hand?
>

> TIA, Frank
>

The address is

Maplin Electronics plc
PO Box 3
Rayleigh
Essex SS6 8LR
England

Telephone +44 (0)702 554161

Fax +44 (0)702 553935

Good luck

Mark Hattam mark@dxradio.demon.co.uk

Date: 18 Jul 94 21:21:32 GMT
From: ftpbox!mothost!delphinium.cig.mot.com!mustang3!thweatt@uunet.uu.net
Subject: R-100 For Sale (100MHz to 1.8xxGHz)
To: info-hams@ucsd.edu

I have an excellent ICOM radio, the R-100 which is only 1 year old and is in mint condition. It has all original equipment with this radio (like antennas, mounting bracket, screws, box, manual, etc.). I am interested in getting another radio since this radio has served its purpose for me (see what is out on the radio waves). This is a full coverage radio and is very sensitive. It has AM, FM and wide-FM modes and I have not had any problem with it. I do not want to go lower than \$500 for this radio but I would consider paying shipping and handling. If you are interested give me email and I will get back to you.

John T.

Date: 19 Jul 94 00:24:12 -0500
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!europa.eng.gtefsd.com!ulowell!woods.uml.edu!martinja@network.ucsd.edu
Subject: ShhhshhhhhShhhhhhhshhhhh.....

To: info-hams@ucsd.edu

I've been listening around the HF band trying to see if I can hear any of this Jovian activity currently going on. I recently read a post (somewhere) that described what Jupiter sounds like. I hadn't heard anything even nearing resemblance of the ocean-wave sound until today at 19:16 UTC.

BTW, today is 18 July. I looked at the clock after hearing the ocean wave sounds emanating from my Drake TR-7. The signals were very strong and only lasted about 30 seconds or so. My antenna is an inverted vee cut for 14.336 MHz (which is where I heard what I believe to be the noise generated by Fragment H of the Shoemaker-Levy 9 comet). The apex of my antenna is at about 30 feet and each leg slopes 45 degrees downward. [Duh!]

I have two copies of the impact time schedule; one I downloaded, and one printed in the local newspaper. I believe the newspaper schedule to be the more correct of the two and indicates the time impact would be seen on Earth if Jupiter were not in the way. Estimates were as of July 11 and includes a correction factor. Today's fragment had a correction factor of +/- 9.4 minutes. The schedule shows time of impact to be 12:25:55 p.m. PDT which would be 15:25:55 p.m. EDT (where I am located) [Duh!] Converted to UTC that would be 19:25:55. Considering the +/- 9.4 minute correction factor the actual time could have been anywhere between 19:16 and 19:35 (roughly)...

Did anyone else catch Fragment H today? I'll probably be sawing logs zzzzzzzz when Fragment K hits Jupiter but will be listening for L at around 3:07:07 p.m. PDT, 6:07:07 p.m. EDT = 22:07:07 UTC +/- 10.2 mins on 14.336 MHz, incidentally on the County Hunter's Net frequency. Yeah, I'm a CH.

Hearing the noises generated by a planet 480 million miles away is pretty intriguing if you ask me. Takes light 43 minutes to travel from there to here. Wonder how many Jovian Cloud Flyers have been wiped out? Maybe after it's all over with, they'll all be extinct and in dinosaur heaven...don't ya know.

73 de WK1V
-jim-

Date: Tue, 19 Jul 1994 02:13:22 GMT
From: ihnp4.ucsd.edu!pacbell.com!att-out!nntp!not-for-mail@network.ucsd.edu
Subject: Supermorse
To: info-hams@ucsd.edu

Date: Mon, 18 Jul 1994 23:31:03 GMT
From: ihnp4.ucsd.edu!usc!nic-nac.CSU.net!charnel.ecst.csuchico.edu!csusac!
csus.edu!netcom.com!gaspo@network.ucsd.edu
Subject: swaps/meets/fests in SF/Berkely/Oakland area?
To: info-hams@ucsd.edu

greetings all!

I guess the subject says it all (or at least it should eh?)

Does anybody have any info on any upcoming swap meets, ham fests, or
general techno gatherings that might have gear to sell/swap? I'm
new to the BayArea, and keen to get my hands on some good junk!

--gaspo.

ps, does this 17week license wait mean if I passed my exam tomorrow, I
couldn't work till November? really?

- Scott Gasparian	- "gaspo"	- Umwelt Schutzen, -
- Instructor/Sysadmin	- Product R+D Director	- Rad Benutzen. -
- Lick Wilmerding H.S.	- Gaspo's Gadgets Inc.	- /\ \--/ /\ \==/ -
- (415)3334021 (SF,CA)	- gaspo@netcom.com	- /__\ \ / ==\ \ / -

Date: 18 Jul 94 21:12:41 -0500
From: ihnp4.ucsd.edu!agate!cat.cis.Brown.EDU!noc.near.net!news.tufts.edu!
news.hnrc.tufts.edu!jerry@network.ucsd.edu
Subject: Waiting time back down to 13 weeks
To: info-hams@ucsd.edu

Passed exam April 16
Effective date July 13
Arrived July 18

13 weeks, 2 days

N1SJD/AG

Date: (null)
From: (null)

Date: 18 Jul 1994 15:08:49 -0700

From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!cs.utexas.edu!
asuvax!chnews!ornews.intel.com!ornews.intel.com!not-for-mail@network.ucsd.edu
To: info-hams@ucsd.edu

References <1994Jul13.221526.6932@ke4zv.atl.ga.us>,
<304ho6\$3hk@hplvec.lvld.hp.com>, <1994Jul16.140615.21296@ke4zv.atl.ga.us>ntel.c
Subject : Re: which Ringo do I buy?

In article <1994Jul16.140615.21296@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary
Coffman) writes:

>The thread was about which antenna is *better*, not which is *enough*.
>Likely a J-pole, or even a 1/4-wave made from a SO-239 and a coathanger
>would be *enough*, and cheaper than a Ringo. (Arguably *better* too in
>many cases) If you're going to buy a commercial antenna, you really
>should try to get the most value for your dollar. I don't think the
>Ringo fills that bill very well.

This is all speculation. I've made quantitative measurements between my
Ringo Ranger, a quarter wave ground plane, an Isopole, and a J-pole.
All were mounted on top of similar trees and fed approximately the same.
The Ringo outperformed them all, more or less. More in the case of the
1/4 wave, less compared to J-pole and Isopole although the Isopole seems
to be very freq. selective about giving a good pattern.

What's the big deal about an end-fed half wave with matching network?

The AEA Hotrod antenna is similar and would probably make a good base
station antenna as well.

Is there much difference between an AR-2 Ringo and a Ringo Ranger or
Ranger II? Some, but not much in my experience.

--

zardo@ornews.intel.com WA7LDV
I speak only for myself.

from Oregon - The BEAVER state
A Honeymoon salad = lettuce alone

Date: (null)
From: (null)

Date: Tue, 19 Jul 1994 03:44:53 GMT
From: ihnp4.ucsd.edu!usc!nic-nac.CSU.net!channel.ecst.csuchico.edu!csusac!
csus.edu!netcom.com!milcom@network.ucsd.edu
To: info-hams@ucsd.edu

References <shopsonCt2H5L.8J9@netcom.com>,
<1994Jul18.173316.24172@enterprise.rdd.lmsc.lockheed.com>, <30e100\$nni@netline-
fddi.jpl.nasa.gov>
Subject : Re: How do you police hams?

Richard Spear (rspear@sookit) wrote:

: i had heard a rumor that the fcc has taken action against some of the
: users of 145.735 ... anybody know whether that is so and what actions were
: taken?

The only convicted ham on 435 convicted was Richard Burton. The only
reason he got nailed is because he messed with the wrong people: the DX club.
There are others far worse than burton ever was, like KD6KEK & KD6NBD to
name a few. They havent heard a peep from the FCC.

Dont forget 'community standards'. If the community standards are in
the gutter, then maybe its ok for some to be in the gutter. As long as
they dont take your repeater into the gutter.

If I didnt have a job or a life then maybe I could be a windbag on
435, but fortunately I have better things to do.

One thing you sure cant debate: 435 sure has an audience.

I almost forgot... down with the CKK remote.

--

POP: Persistant Online Procrastination

milcom@netcom.com

Date: 19 Jul 1994 06:27:10 GMT
From: nothing.ucsd.edu!brian@network.ucsd.edu
To: info-hams@ucsd.edu

References <397@doghouse.win.net>, <tedtrostCt3qoD.uI@netcom.com>,
<412@doghouse.win.net>
Subject : Re: Gray Areas of 'No Commercial Use'

In article <412@doghouse.win.net> jsalemi@doghouse.win.net (Joe Salemi) writes:
>97.115, which governs third-party communications. It's possible to get
>messages over the internet that are from countries that the US doesn't
>have a third-party agreement with. Transmitting those messages over the
>air (in the case of reading your remote mail over the air, for example)
>could be a violation of this rule.

Does that also apply if someone sends a message to the ham radio digest
from, say, lower slobovia, and you read that digest over the air?

Hmm. So if I use packet to read a passage from the Bible (which

originated in the Middle East, countries with which we do not have third-party agreements), I'm in violation of the third party rule?

Just how ridiculous is this going to get?

- Brian

Date: (null)

From: (null)

This version can also send through your Sound Blaster card. If you have the Sound Blaster information set up properly in your autoexec.bat file (RTFM), you can set things up through the Options and Misc menus.

73,
K2PH

--

Bob Schreibmaier K2PH | UUCP: ...!att!mtdcr!bob
AT&T Bell Laboratories | Internet: bob@mtdcr.att.com
Middletown, N.J. 07748 | ICBM: 40o21'N, 74o8'W

End of Info-Hams Digest V94 #810
